

GRADATION ANALYSIS REPORT
N. BOCA RATON VIBRACORE 9-94
TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR6 S#2
SAMPLE ELEV. (FT. NGVD): -55.2
SAMPLE DEPTH (FT.): -8.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 71.16
SAMPLE WEIGHT AFTER WASH (GRAMS): 70.35

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.00	.00	100.00
7	-1.5	2.800	.11	.15	99.85
10	-1.0	2.000	.28	.39	99.61
14	-0.5	1.400	.51	.72	99.28
18	0.0	1.000	.77	1.08	98.92
25	0.5	.710	1.54	2.16	97.84
35	1.0	.500	5.07	7.12	92.88
45	1.5	.355	11.36	15.96	84.04
60	2.0	.250	28.58	40.16	59.84
80	2.5	.180	52.49	73.76	26.24
120	3.0	.125	68.89	96.81	3.19
170	3.5	.090	70.28	98.76	1.24
200	3.75	.075	70.31	98.81	1.19
230	4.0	.063	70.73	99.39	.61
PAN			71.13	99.96	.04

PHI(5):	.79	PHI(16):	1.50	PHI(25):	1.69
PHI(50):	2.15	PHI(75):	2.53	PHI(84):	2.72
PHI(95):	2.96				

SIEVE LOSS(g):	.03	SILT/CLAY:	1.19%
SKEWNESS:	-.546	KURTOSIS:	1.061

GRAPHIC METHOD

MEAN (PHI):	2.02	SORTING:	.61
MEAN (mm):	.25	MEDIAN (mm):	.23
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD			

MOMENT METHOD

MEAN (PHI):	2.05	SORTING:	.68
MEAN (mm):	.24		

DATA FILE NAME: A:VC6S#2.TAB

GRADATION ANALYSIS REPORT
N. BOCA RATON VIBRACORE 9-94
TESTED BY: MDA ON: 11-14-94

SAMPLE NO.: NBR6 S#3
SAMPLE ELEV. (FT. NGVD): -63.2
SAMPLE DEPTH (FT.): -16.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 61.51
SAMPLE WEIGHT AFTER WASH (GRAMS): 60.18

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	.14	.23	99.77
7	-1.5	2.800	.37	.60	99.40
10	-1.0	2.000	.86	1.40	98.60
14	-0.5	1.400	1.54	2.50	97.50
18	0.0	1.000	2.44	3.97	96.03
25	0.5	.710	4.45	7.23	92.77
35	1.0	.500	9.29	15.10	84.90
45	1.5	.355	16.63	27.04	72.96
60	2.0	.250	35.26	57.32	42.68
80	2.5	.180	51.42	83.60	16.40
120	3.0	.125	59.08	96.05	3.95
170	3.5	.090	60.07	97.66	2.34
200	3.75	.075	60.15	97.79	2.21
230	4.0	.063	60.85	98.92	1.08
PAN			61.51	100.00	.00

PHI(5): .16 PHI(16): 1.04 PHI(25): 1.41
PHI(50): 1.88 PHI(75): 2.34 PHI(84): 2.52
PHI(95): 2.96

SIEVE LOSS(g): .00 SILT/CLAY: 2.21%
SKEWNESS: -.642 KURTOSIS: 1.245

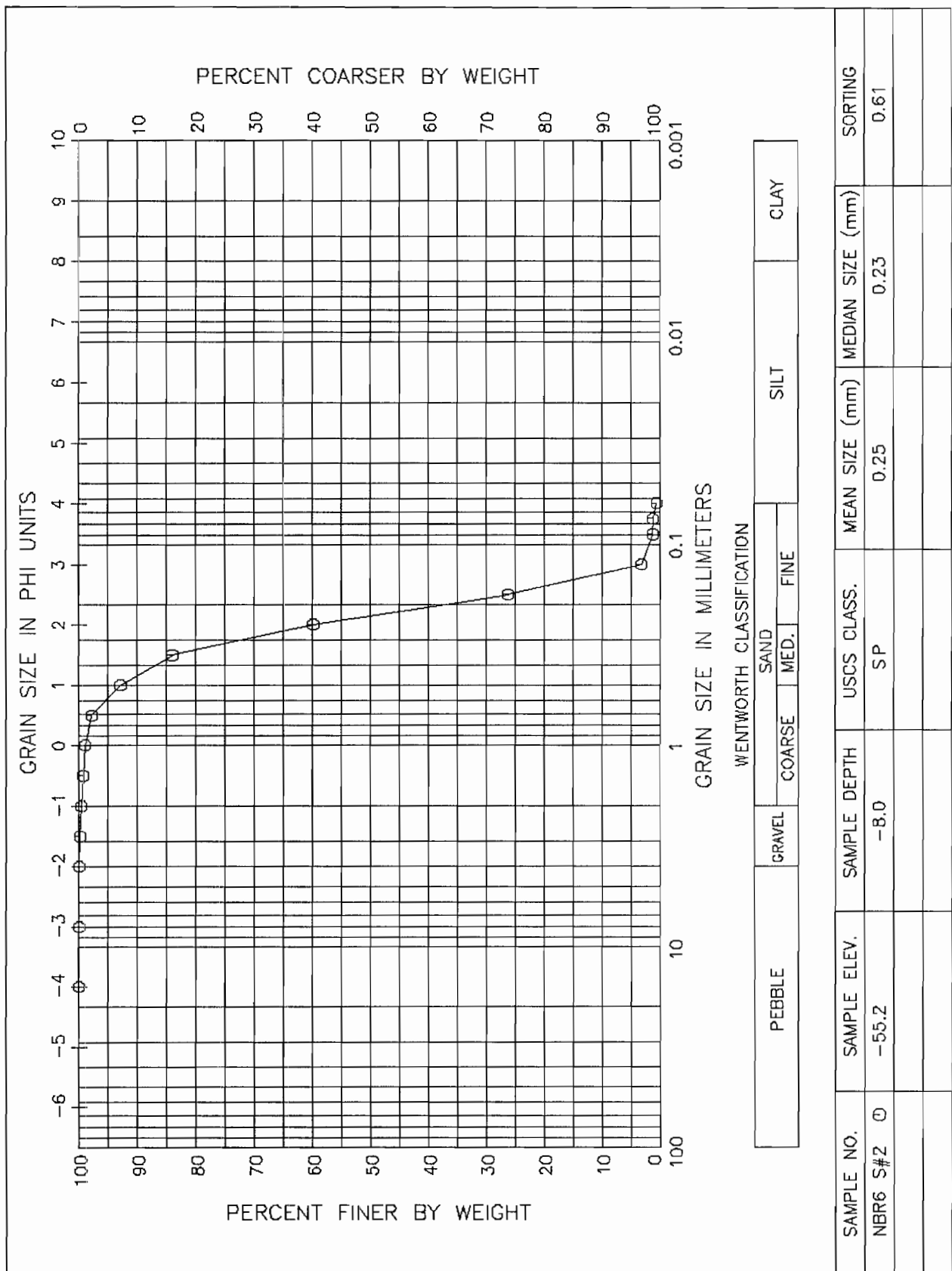
GRAPHIC METHOD

MEAN (PHI): 1.71 SORTING: .74
MEAN (mm) : .31 MEDIAN (mm): .27
NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

MOMENT METHOD

MEAN (PHI): 1.77 SORTING: .87
MEAN (mm) : .29

DATA FILE NAME: A:VC6S#3.TAB



GRAIN SIZE DISTRIBUTION CURVE
N. BOCA RATON VIBRACORE 9-94

